

AMENDMENTS

Listing of Claims:

Claims 1-11 (canceled)

Claim 12 (currently amended) A method for generating ultra-short pulse amplified Raman Laser light comprising:

(a) a first step of launching a short-pulse pump laser light into a pump laser light amplifier to form an amplified short-pulse pump laser light,

introducing the amplified laser light into a pump light distributor to form partly reflected amplified laser light and transmitted laser light,

introducing the transmitted laser light into a Raman oscillator, and

shortening a pulse duration of the laser light in the Raman oscillator to form a compressed laser light;

(b) a second step of introducing the reflected laser light from the pump light distributor onto a polarizer to reflect it thereon,

introducing the reflected laser light from the polarizer into ~~the~~ a first Raman amplifier to pump the ~~amplifier~~ amplifier,

introducing the laser light transmitted through the first Raman amplifier that has not contributed to pumping onto a beam splitter to form a third reflected laser light, and

introducing the third reflected laser light into a ~~Raman~~ second Raman amplifier to pump the second amplifier; and

(c) a third step of introducing the compressed laser light of step (a) to the first Raman amplifier to amplify it,

introducing the amplified radiation from the first Raman amplifier to the second Raman amplifier to further amplify it,

introducing the further amplified radiation through delay lines to the beam splitter which transmits only first Stokes radiation to generate ultra-short pulse amplifier Raman laser light.